


Weather Briefing

5 AM Friday, August 31, 2012




Briefing valid through 6 PM Friday, August 31, 2012

National Weather Service


Springfield, MO

<http://www.weather.gov/sgf>
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Good morning from the National Weather Service in Springfield, MO. This is an updated online weather briefing addressing the potential impacts of the remnants of Isaac as it moves across the region today into Saturday. This briefing was created early Friday morning, and is valid through Friday afternoon.



Decision Support Briefing

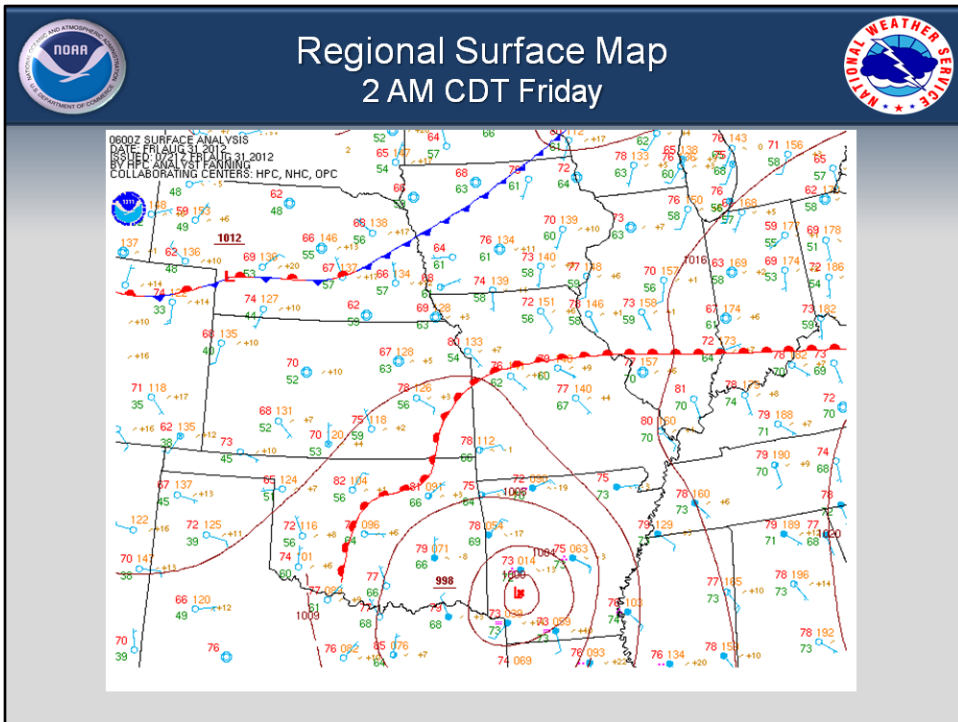
Potential Impacts from Isaac



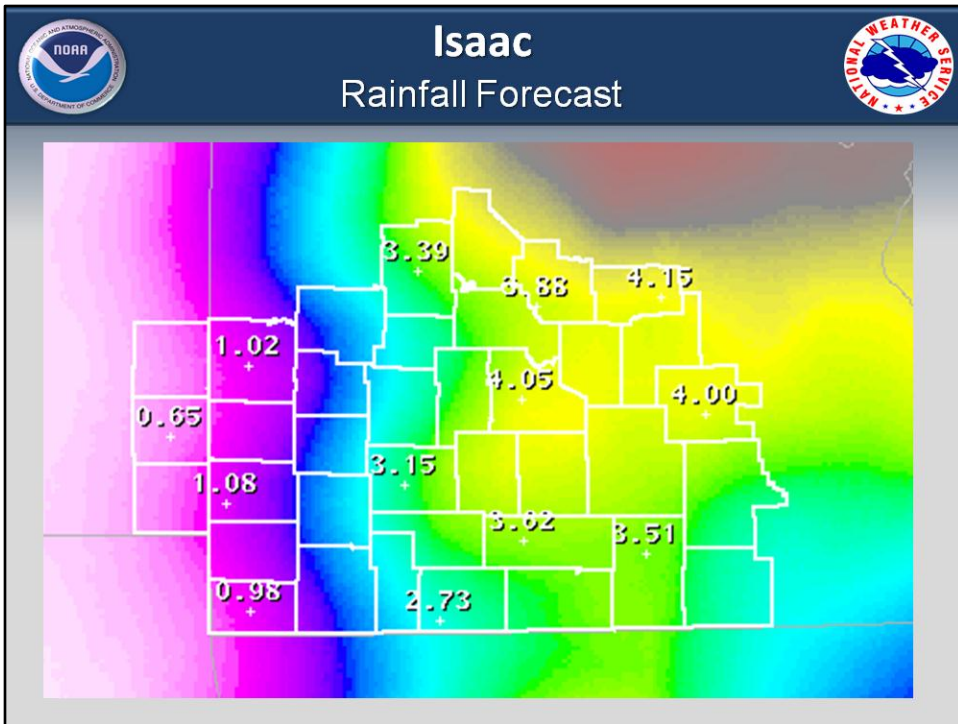
Latest Information on Isaac...

- **Heavy Rainfall Potential**
 - Potential of 2 to 4 inches with locally heavier amounts
 - Mainly near & east of Highway 65
- **Severe Weather Potential**
 - Strong wind gust possible in heavier shower bands
 - Limited risk for an isolated weak brief tornado
- **Holiday Weekend Impacts**
 - Rapid rises on area rivers/creeks
 - Localized flooding despite drought

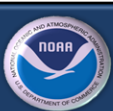
The remnants of Isaac will continue to impact the Ozarks early this morning persisting into Saturday night. The potential for widespread moderate to heavy rainfall, primarily over the eastern Ozarks, is expected to be the primary weather impact. The heaviest rain is expected to occur near and east of U.S. 65 with rainfall totals of 2 to 4 inches. Locally heavier amounts will be possible. As with most land-falling tropical systems, there is the potential for isolated severe weather as well as gusty winds. With Labor Day celebrations over the upcoming weekend, it will be important to note the potential for impacts to recreational activities, especially near rivers, creeks, and streams across the Ozarks.



Early Friday morning the center of the remnants of Isaac were pushing north into west central Arkansas. The remnants of Isaac will continue to track north into southwestern MO by this evening then into west central Missouri tonight. The system will then track to the east Saturday into Saturday night with the remnants of Isaac pushing east of the area on Sunday. For additional updates, check back often to our local National Weather Service website www.weather.gov/springfield.



The big story with Isaac as it moves through the Ozarks will be the associated rainfall. This image illustrates where the heaviest axis of rainfall is expected—generally across the Missouri Ozarks along and east of U.S. 65. Widespread 2 to 4 inches of rain are likely to fall with amounts tapering off west of U.S. 65 toward the Kansas border. As with any tropical system, locally higher amounts will be possible.

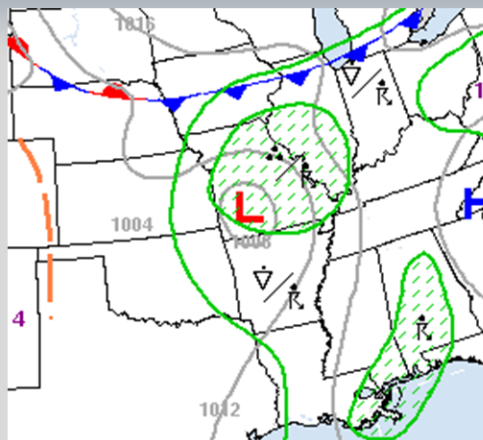


Isaac

Impacts of Rainfall



- Labor Day Recreation
 - Rises on area rivers
 - Floating
 - Gravel bar camping
 - Low Water Crossings
- Isolated flash flooding despite drought




Weather Map Friday Evening

With Labor Day weekend celebrations starting tomorrow and continuing through the weekend, there is the potential for significant impacts to recreational interests across the region. Rain will continue to overspread the region today as the remnants of Isaac tracks into southern Missouri as depicted in the forecast map shown, then push to the east on Saturday.


Despite the drought, the expected heavy rainfall will likely cause rises on area rivers. Given the nature of Ozarks topography and the intensity of expected rainfall rates, these rises will have the potential to be very fast. With the axis of heaviest rain expected over the eastern Ozarks, some of the main floating rivers, including the Current, Jacks Fork, Eleven Point, and Niangua will likely experience rapid rises. These rises will be a real hazard to anyone camping along river banks or on gravel bars.

In addition, the flooding of low water crossings, and other low lying, flood prone areas will be possible despite the drought conditions.



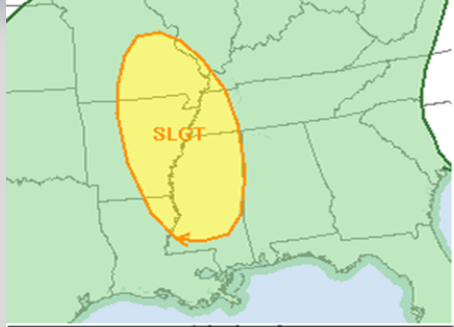
Isaac


Severe Weather Potential



- Severe weather**
 - Front right quadrant most favorable for isolated severe storms
 - Gusty winds around 20-30 MPH possible, gusts 40+
 - Low risk of an isolated tornado

Severe weather more likely if breaks of clearing occur





SPC DAY 1 CATEGORICAL OUTLOOK

ISSUED: 0457Z

VALID: 31/1200Z-01/1200Z

FORECASTER: DIAL/mosier

NOAA/NWS Storm Prediction Center, Norman, Oklahoma

Land-falling tropical systems also bring the potential for isolated severe weather, which will be the most likely in the outer bands of the right front quadrant of the storm. Overall the risk of severe weather is low but there is a slight risk for severe weather across the eastern Ozarks, as depicted in this graphical outlook provided by the Storm Prediction Center.

Stronger rain bands will have the potential to mix down strong winds, with gusts in excess of 40 MPH not out of the question. There is a low risk for isolated brief and weak tornadoes east of highway 65. This risk is low and will depend on how much instability that can develop, which will be more likely to develop if breaks in the clouds occur.



Isaac Summary



- Impacts of Isaac...
 - 2"-4" of rainfall with locally higher amounts
 - Gusty winds
 - Isolated severe storms
 - Localized flash flooding possible
- Rainfall will cause rapid rises on area rivers.

In summary, anywhere from 2-4 inches of rainfall along and east of highway 65, with locally higher amounts, is expected to fall with the passing remnants of Isaac. Gusty winds, isolated severe storms, and a few instances of flash flooding will be possible. Rainfall will also likely result in rapid rises on area rivers, including the Current, Jacks Fork, Eleven Point, and Niangua. Anyone planning on floating these rivers, especially if camping along the river banks or on gravel bars, should be extremely cautious about the potential for rapid river rises.



Weather Briefing

4 PM Thursday, August 30, 2012



For questions and additional information:



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This concludes the online weather briefing on Isaac's impacts to the Ozarks. Please check back often to www.weather.gov/springfield for the latest forecast information.